

Abstract of the Disclosure

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5 This invention relates to a novel design of dry-suit. More particularly, this invention pertains to a novel dry-suit design which has a smooth captive shell and concealed pleats for improved dry-suit functionality. A dry-suit comprising: (a) a hollow element-proof fabric formed in the shape of a human body including two arms, two legs and a torso; (b) first and second inwardly extending pleats formed in each of the two legs; and (c) first and second elastic element-proof fabric
10 panels covering the respective first and second pleats and sealed around the periphery with the surrounding adjacent regions of the element-proof fabric of the dry-suit.